

PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM
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Limits Preview/Index History Clipboard Details							
Display	GenBank	<input type="text" value="as"/>	HTML	<input type="text"/>	Save	Add to Clipboard	

☐ 1: N68916. za69d12.s1 Soares...[gi:1225077]

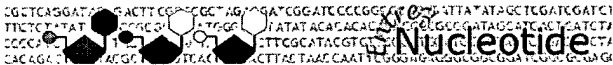
Taxonomy, LinkOut

LOCUS N68916 406 bp mRNA EST 13-MAR-1996
 DEFINITION za69d12.s1 Soares_fetal_lung_NbHL19W Homo sapiens cDNA clone
 IMAGE:297815 3', mRNA sequence.
 ACCESSION N68916
 VERSION N68916.1 GI:1225077
 KEYWORDS EST.
 SOURCE human.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1 (bases 1 to 406)
 AUTHORS Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman
 M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J.,
 Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevaskis, E., Waterston
 R., Williamson, A., Wohldmann, P. and Wilson, R.
 TITLE The WashU-Merck EST Project
 JOURNAL Unpublished (1995)
 COMMENT Contact: Wilson RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@watson.wustl.edu
 This clone is available royalty-free through LLNL ; contact the
 IMAGE Consortium (info@image.llnl.gov) for further information.
 Seq primer: m13 -40 forward.
 FEATURES
 source Location/Qualifiers
 1..406
 /organism="Homo sapiens"
 /db_xref="GDB:1242737"
 /db_xref="taxon:9606"
 /clone="IMAGE:297815"
 /clone_lib="Soares_fetal_lung_NbHL19W"
 /dev_stage="19 weeks"
 /lab_host="DH10B (ampicillin resistant)"
 /note="Organ: lung; Vector: pT7T3D (Pharmacia) with a
 modified polylinker; Site_1: Not I; Site_2: Eco RI; 1st
 strand cDNA was primed with a Not I - oligo(dT) primer
 [5'-TGTTACCAATCTGAAGTGGGAGCGGCCGCAATTTTTTTTTTTTTTTT-3'],
 double-stranded cDNA was size selected, ligated to Eco RI
 adapters (Pharmacia), digested with Not I and cloned into
 the Not I and Eco RI sites of a modified pT7T3 vector
 (Pharmacia). Library went through one round of
 normalization to a Cot = 5. Library constructed by Bento
 Soares and M.Fatima Bonaldo. This library was constructed
 from the same fetus as the fetal heart library, Soares
 fetal heart NbHL19W."
 BASE COUNT 99 a 115 c 107 g 82 t 3 others
 ORIGIN
 1 cgcaaaccac aagtgtttat tgcagaaatc tggccaacat tccaattgca gggccccagc
 61 acagggtctg cnaggtgaga tagggagggg tggaggaagt aatctggccc agggctcaag
 121 agctgtgaga tgatattggg tgccaggctg caggtgaggc ctgtnccatc tggttcaca

181 ttcagggcct tcactatgcc atcctgtacc accatggaga acctcttgag acgtcgattc
241 ccaaagatgg acaccagcga atcatctagt aataagtctg tctccttccc aaaggcccca
301 gtgggatcag ccaggagccg aaccttgcc tccgccttgt gggctncggc ccacttcgcc
361 agtcacaaaag gcatcattaa cactcagaca ggccaccacc tggact

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PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM
Search		Nucleotide	for			Go	Clear
Limits		Preview/Index		History	Clipboard	Details	
Display	GenBank	as	HTML	Save	Add to Clipboard		

1: AA087129. mk21e10.rl Soares...[gi:1630347]

Taxonomy, LinkOut

LOCUSAA087129465 bpmRNAEST23-OCT-1996

DEFINITIONmk21e10.rl Soares mouse p3NMF19.5 Mus musculus cDNA clone
IMAGE:493578 5' similar to TR:G1204821 G1204821 HYPOTHETICAL 26.7
KD PROTEIN. ; , mRNA sequence.

ACCESSIONAA087129

VERSIONAA087129.1 GI:1630347

KEYWORDS

EST.

SOURCEhouse mouse.

ORGANISMMus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE1 (bases 1 to 465)

AUTHORSMarra,M., Hillier,L., Allen,M., Bowles,M., Dietrich,N., Dubuque,T.,
Geisel,S., Kucaba,T., Lacy,M., Le,M., Martin,J., Morris,M.,
Schellenberg,K., Steptoe,M., Tan,F., Underwood,K., Moore,B.,
Theising,B., Wylie,T., Lennon,G., Soares,B., Wilson,R. and
Waterston,R.

TITLEThe WashU-HHMI Mouse EST Project

JOURNALUnpublished (1996)

COMMENTContact: Marra M/Mouse EST Project
WashU-HHMI Mouse EST Project
Washington University School of MedicineP
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: mouseest@watson.wustl.edu
This clone is available royalty-free through LLNL ; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
MGI:297026
Seq primer: -28M13 rev2 from Amersham
High quality sequence stop: 444.

FEATURESLocation/Qualifiers

source1..465
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/db_xref="taxon:10090"
/clone="IMAGE:493578"
/clone_lib="Soares mouse p3NMF19.5"
/dev_stage="19.5 dpc total fetus"
/lab_host="DH10B (ampicillin resistant)"
/note="Vector: pT7T3D (Pharmacia) with a modified
polylinker; Site_1: Not I; Site_2: Eco RI; 1st strand cDNA
was primed with a Not I - oligo(dT) primer [5'
TGTTACCAATCTGAAGTGGGAGCGGCCGCATTTTTTTTTTTTTTTTTTTT 3'],
double-stranded cDNA was size selected, ligated to Eco RI
adapters (Pharmacia), digested with Not I and cloned into
the Not I and Eco RI sites of a modified pT7T3 vector
(Pharmacia). Library went through one round of
normalization to a Cot = 5. Library constructed by Bento
Soares and M.Fatima Bonaldo. RNA was kindly provided by
Dr. Minoru Ko (Wayne State University)."

BASE COUNT100 a101 c157 g107 t

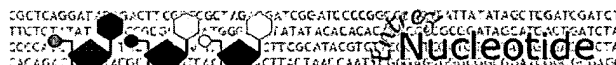
ORIGIN

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121 ttcaagggca agaaaggtgt tttgtttgga gtccctgggg catttacacc tggctgttct
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241 gtggtggcct gtctgagcgt taatgacgtc tttgtgattg aagagtgggg tcgagccac
301 caggcagaag gcaagggttc gtcctggct gacccactg gagcctttgg gaaggcgaca
361 gacttattat tggatgattc tttggtgtct ctctttggga atcgtcggct gaaaagggtc
421 tccatggtga tagacaacgg catagtgaag gcactgaacg tggag

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U00096.1: [GenBank](#) | [FASTA](#) | [Map](#) | [Blast](#) | [Align](#) | [Download](#)



Nucleotide

PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM
Search <input type="text" value="Nucleotide"/> for <input type="text"/>						Go	Clear
Limits Preview/Index History Clipboard Details							
Display	GenBank	as	HTML	Save	Add to Clipboard		

1: AA255021.mz85h09.r1 Soares...[gi:1889631]

Taxonomy, LinkOut

LOCUS AA255021 537 bp mRNA EST 14-MAR-1997
 DEFINITION mz85h09.r1 Soares mouse NML Mus musculus cDNA clone IMAGE:720257 5' similar to TR:G1204821 G1204821 HYPOTHETICAL 26.7 KD PROTEIN. ; mRNA sequence.

ACCESSION AA255021
 VERSION AA255021.1 GI:1889631
 KEYWORDS EST.
 SOURCE house mouse.
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 537)
 AUTHORS Marra,M., Hillier,L., Allen,M., Bowles,M., Dietrich,N., Dubuque,T., Geisel,S., Kucaba,T., Lacy,M., Le,M., Martin,J., Morris,M., Schellenberg,K., Steptoe,M., Tan,F., Underwood,K., Moore,B., Theising,B., Wylie,T., Lennon,G., Soares,B., Wilson,R. and Waterston,R.
 TITLE The WashU-HHMI Mouse EST Project
 JOURNAL Unpublished (1996)
 COMMENT Contact: Marra M/Mouse EST Project
 WashU-HHMI Mouse EST Project
 Washington University School of MedicineP
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: mouseest@watson.wustl.edu
 This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
 MGI:445753
 Seq primer: -28m13 rev2 ET from Amersham
 High quality sequence stop: 494.

FEATURES
 source Location/Qualifiers
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 /db_xref="taxon:10090"
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 /clone_lib="Soares mouse NML"
 /tissue_type="Liver"
 /lab_host="DH10B"
 /note="Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Site_1: Not I; Site_2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5' TGTTACCAATCTGAAGTGGGAGCGGCCGGAATCTTTTTTTTTTTTTTTT 3']; double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. Library constructed and normalized by Bento Soares and M.Fatima Bonaldo."

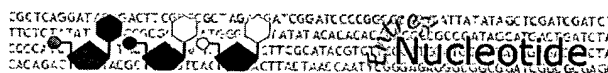
BASE COUNT 113 a 118 c 183 g 122 t 1 others
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121 ccatggcccc gatcaagggtg ggagatgccca ttccctcagt ggaggtatatt gaaggggaac
181 cgggaaagaa ggtgaacttg gcagagctgt tcaagggcaa gaaagggtgtt ttgtttggag
241 tccctggggc atttacacct ggctgttcta agaccacact gcctgggttt gtggagcaag
301 ctggagctct gaaggccaag ggagcgcagg tgggtggcctg tctgagcgtt aatgacgtct
361 ttgtgattga agagtggggg cgagcccacc aggcagaagg caagggttcgg ctcttggtctg
421 accccactgg agcctttggg aaggcgacag acttattatt ggatgattct ttggtgtctc
481 tctttgggaa tcgtcggctg aaaaggttct ccatggtgat agacaacggc atagtga

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Sequence Viewer 2.0.1 (2001-10-25)



1: AA220019. mv65a09.r1 Soares...[gi:1834137] Taxonomy. LinkOut

Taxonomy, LinkOut

FEATURES

source

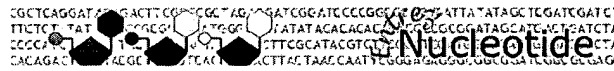
Library went through one round of normalization, and was
constructed by Bento Soares and M. Fatima Bonaldo. "

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BASE COUNT      109 a      118 c      160 g      119 t
ORIGIN
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  61 tgaacttggc agagctgttc aagggaaga aagggtgttt gtttggagtc cctggggcat
 121 ttacacctgg ctgttctaag acccacctgc ctgggtttgt ggagcaagct ggagctctga
 181 aggccaaggg agcgcagggt gtggcctgtc tgagcgtaa tgacgtcttt gtgattgaag
 241 agtgggggtc agcccaccag gcagaaggca aggttcggct cctggctgac cccactggag
 301 cctttgggaa ggcgacagac ttattattgg atgattcttt ggtgtctctc tttgggaatc
 361 gtcggctgaa aaggttctcc atggtgatag acaacggcat agtgaaggca ctgaacgtgg
 421 agccagatgg cacaggctc acctgcagcc tggcccccaa catcctctct caactctgag
 481 gccctggcca gatgtcctct gactct
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GenBank accession number: U00001.1



PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM
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Limits		Preview/Index		History		Clipboard	
Display	GenBank	as	HTML	Save	Add to Clipboard		

□1: AA123351. mq10a03.r1 Barste...[gi:1681388]

Taxonomy, LinkOut

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LOCUS       AA123351          536 bp      mRNA          EST          13-FEB-1997
DEFINITION  mq10a03.r1 Barstead MPLRB1 Mus musculus cDNA clone IMAGE:578284 5'
              similar to TR:G1204821 G1204821 HYPOTHETICAL 26.7 KD PROTEIN. ;,
              mRNA sequence.
ACCESSION   AA123351
VERSION     AA123351.1      GI:1681388
KEYWORDS    EST.
SOURCE      house mouse.
  ORGANISM  Mus musculus
              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE   1 (bases 1 to 536)
  AUTHORS   Marra,M., Hillier,L., Allen,M., Bowles,M., Dietrich,N., Dubuque,T.,
              Geisel,S., Kucaba,T., Lacy,M., Le,M., Martin,J., Morris,M.,
              Schellenberg,K., Steptoe,M., Tan,F., Underwood,K., Moore,B.,
              Theising,B., Wylie,T., Lennon,G., Soares,B., Wilson,R. and
              Waterston,R.
  TITLE     The WashU-HHMI Mouse EST Project
  JOURNAL   Unpublished (1996)
COMMENT     Contact: Marra M/Mouse EST Project
              WashU-HHMI Mouse EST Project
              Washington University School of MedicineP
              4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
              Tel: 314 286 1800
              Fax: 314 286 1810
              Email: mouseest@watson.wustl.edu
              This clone is available royalty-free through LLNL ; contact the
              IMAGE Consortium (info@image.llnl.gov) for further information.
              MGI:352932
              Seq primer: -28m13 rev2 ET from Amersham
              High quality sequence stop: 438.
FEATURES             Location/Qualifiers
     source            1..536
                       /organism="Mus musculus"
                       /strain="BALB/c"
                       /db_xref="taxon:10090"
                       /clone="IMAGE:578284"
                       /clone_lib="Barstead MPLRB1"
                       /sex="mixed"
                       /tissue_type="Kidney"
                       /dev_stage="6 weeks"
                       /lab_host="DH10B"
                       /note="Vector: pT7T3D-Pac (Pharmacia) with a modified
                               polylinker; Site_1: EcoRI; Site_2: NotI; 1st strand cDNA
                               was primed with a Not I - oligo(dT) primer [5'
                               TGTTACGAATCTGAAGTGGGAGCGGCCGCCCTTTTTTTTTTTTTTTTTTTTTT
                               3']; double-stranded cDNA was ligated to Eco RI adaptors
                               [CATGGATTCGGTACC], digested with Not I and cloned into the
                               Not I and Eco RI sites of the modified pT7T3 vector.
                               Library constructed by Bob Barstead."
BASE COUNT      117 a      115 c      184 g      120 t
ORIGIN

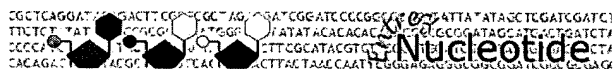
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121 gggagatgcc attccctcag tggaggtatt tgaaggggaa ccgggaaaga aggtgaactt
181 ggcagagctg ttcaagggca agaaaggtgt tttgtttgga gtccctgggg catttacacc
241 tggctgttct aagaccacc tgcctgggtt tgtggagcaa gctggagctc tgaaggccaa
301 gggagcgcag gtggtggcct gtctgagcgt taatgacgtc tttgtgattg aagagtgggg
361 tcgagcccac caggcagaag gcaaggttcg gtcctggct gacccactg gagccttgg
421 gaaggcgaca gacttattat tggatgattc tttggtgtct ctctttggga atcgctggt
481 gaaaagggtt tccatggtga tagacaacgg catagtgaag gcactgaacg tggagc
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GenBank accession number: U00001.9



PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM
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Limits Preview/Index History Clipboard Details							
Display	GenBank	as	HTML	<input type="button" value="Save"/>	<input type="button" value="Add to Clipboard"/>		

□1: H66666. yr77h10.r1 Soares...[gi:1025406]

PubMed, Taxonomy, LinkOut

```

LOCUS       H66666             416 bp      mRNA          EST             18-OCT-1995
DEFINITION  yr77h10.r1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone
IMAGE:211363 5' similar to SP:PMPA_CANBO P14292 PEROXISOMAL
MEMBRANE PROTEIN A ; , mRNA sequence.

ACCESSION   H66666
VERSION     H66666.1  GI:1025406
KEYWORDS    EST.
SOURCE      human.
  ORGANISM  Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE   1 (bases 1 to 416)
AUTHORS    Hillier,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiapelli,B.,
            Chisoe,S., Dietrich,N., DuBuque,T., Favello,A., Gish,W., Hawkins
            ,M., Hultman,M., Kucaba,T., Lacy,M., Le,M., Le,N., Mardis,E., Moore
            ,B., Morris,M., Parsons,J., Prange,C., Rifkin,L., Rohlfing,T.,
            Schellenberg,K., Soares,M.B., Tan,F., Thierry-Meg,J., Trevaskis,E.,
            Underwood,K., Wohldmann,P., Waterston,R., Wilson,R. and Marra,M.

TITLE      Generation and analysis of 280,000 human expressed sequence tags
JOURNAL     Genome Res. 6 (9), 807-828 (1996)
MEDLINE     97044478
COMMENT     Contact: Wilson RK
            Washington University School of Medicine
            4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
            Tel: 314 286 1800
            Fax: 314 286 1810
            Email: est@watson.wustl.edu
            Insert Size: 675
            High quality sequence stops: 269
            Source: IMAGE Consortium, LLNL
            This clone is available royalty-free through LLNL ; contact the
            IMAGE Consortium (info@image.llnl.gov) for further information.
            Insert Length: 675 Std Error: 0.00
            Seq primer: M13RP1
            High quality sequence stop: 269.

FEATURES             Location/Qualifiers
     source            1..416
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                       /clone_lib="Soares fetal liver spleen 1NFLS"
                       /sex="male"
                       /dev_stage="20 week-post conception fetus"
                       /lab_host="DH10B (ampicillin resistant)"
                       /note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia)
                       with a modified polylinker; Site_1: Pac I; Site_2: Eco RI;
                       1st strand cDNA was primed with a Pac I - oligo(dT) primer
                       [5' AACTGGAAGAATTAATTAAAGATCTTTTTTTTTTTTTTTTTTTT 3'],
                       double-stranded cDNA was ligated to Eco RI adaptors
                       (Pharmacia), digested with Pac I and cloned into the Pac I
                       and Eco RI sites of the modified pT7T3 vector. Library

```

went through one round of normalization. Library
constructed by Bento Soares and M.Fatima Bonaldo."

BASE COUNT	82 a	96 c	128 g	102 t	8 others
ORIGIN					
1	cctggcagag	ctgttcaagg	gcaagaaggg	tgtgctgttt	ggagttcctg gggccttcac
61	ccctggatgt	tccaagacac	acctgccagg	gtttgtggag	caggctgagg ctctgaaggc
121	caagggagtc	caggtggtgg	cctgtctgag	tgtaaatgat	gcctttgtga ctngcgagtg
181	gggccgagcc	acaaggcgna	aggcaagggt	cggctcctgg	ctgatccccc tggggccttt
241	nggaaggaga	cagacttatt	actagatgat	tcgctggtgt	ccatcttttg gaatcgacgt
301	ctcaagaggt	tctccatngt	tgtacaggat	nggcatagtt	gaaggccctg aatgtggaac
361	cagatggcac	aggccttcac	ctncagcctg	ggcaccatt	ttcttntcac antttt

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10/24/01 8:43 AM